information is being collected and will be laid on the Table of the House.

Plants with insecticidal properties

1148. SHRI SHAMIM HASHMI: Will the Minister of AGRICULTURE be pleased to state:

(a) whether a large number of indigenous plants in India like Neem are claimed to possess insecticidal properties and if so, the list thereof indicating the pest (s) against which these were found to be effective;

(b) whether these plant products including Neem have been found of practical use and if so, the details thereof indicating readily available regular sources of supply;

(c) whether Government would organise a careful screening of all such plant products against common pests both for agriculture and public health; and

(d) whether Government would make all relevant information available in a publication at the earliest?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI NITISH KUMAR): (a) Sir, in India, over 125 plants are known to possess insecticidal property. A list of important plants having biological activity against different pets is appended. (*See* Statement below).

(b) The products obtained from few plants like chrysanthemum, tobacco and Neem have been found to be of practical use in insect pest management. Pyrethrum extracted from chrysanthemum, nicotine extracted from tobacco and neem oil are readily available in the market.

(c) the screening of promising plant products for their biological activity against important pests of crops and public health is already being done at various Research Laboratories.

(d) A number of research papers, popular articles and bulletins have already been published on this subject by the Indian Council of Agricultural Research and Agricultural Universities.

Statement

List of important plants possessing insecticidal properties against major insect pests.

Sl.No.	Plants	Pests against which found effective
1	*Chrysanthemum*	Almost all pests of field crops, storage and house hold.
2	Tobacco (*Nicotiana tabacum*)	Many field crop pests.
3	*Derris* sp.	Many field crop pests.
4	Neem (*Azadirachta indica*)	Over 250 insect species including house-fly, mosquitoes, cockroaches, storage pests, locusts, white grubs and a number of field pests.
5	Dharek (*Melia azedarach*)	Locust, Epilachna, Aphids, Cabbage, butterfly and stored grain pests.
6	Sweetflag (*Acorus calamus*)	Aphids, Epilachana, storage pests, mosquitoes, housefly, bird lice, bed bugs, cloths moth etc.
7	*Adhatoda vasica*	Storage pests, *Earias vittella*
8	Kaner *Nerium odorum*	Mosquitoes, housefly, *Epilachna*

Sl. No.	Plants	Parts against which founed effective
9	Custard apple *Anona* sp.	Pulse beetle, mealy bugs, leaf hoppers, housefly, cockroaches, aphid and paddy pests.
10	Lantana (*Lantana camera*)	Storage pests, mustard sawfly.
11	Garlic	Pulse beetle, mosquitoes, housefly, cotton pests, cockroaches, white fly.
12	*Pongamia* (*Pongamia glabra*)	Pulse beetle, Heliothis, potato tuber moth, storage pests, spodoptera, white grub.
13	Madhuca butyracae	Mosquiteos, housefly, jassids, potato tuber moth.
14	*Tephrosia purpurea*	Tobacco caterpillar.
15	*Lavenaula gibsonii*	Housefly, mosquitoes, red cotton bug, storage pests
16	Tulsi *Ocimum sanctum*	Hair catter pillar, loaf hopper mushroom mite.
17	*Ipomoea camora*	Pulse beetle
18	*Parthenium hysterophorus*	Pulse beetle, red cotton bug, castor hairy catter pillar storage pests
19	*Tribulus terrestria*	*Heliothis*, tobacco cater pillar
20	Citronella sp.	Cockroaches, mosquitoes, storage pests

Sale of Dhara oil through GCMMF

1149. SHRI SHAMIM HASHMI: Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government are aware that Dhara Oil from NDDB is being marketed through GCMMF and their private distributors at an exorbitant Commission and if so, the profits made by the GCMMF on this product so far;

(b) whether Government are also aware that the same product is being marketed in Delhi at a nominal Commission through Fruits and Vegetable outlets of NDDB;

(c) whether Dhara and all other products would be sold only through Cooperative and PDS/Govt. Super Bazars etc. throughout the country;

(d) whether an investigation would be made in this matter; and

(e) whether a Chairman would be appointed as provided under the NDDB Act, 1987 at the earliest?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI NITISH KUMAR): (a) Dhara oil is being marketed by the NDDB through the GCMMF Ltd. The GCMMF has a vast distribution network it has established for marketing of Amul products. This helps to ensure that the reach of the product is wider and the product is available to all sections of consumers. Commission to GCMMF is only 2 per cent which is reasonable considering that it has to cover distribution expenses, local transportation and its distribution/marketing staff salaries within this margin.